

ABSTRACT OF THE DISCLOSURE

The decreasing cost of communication has led to a focus on including
workgroup participants based on their abilities rather than their physical location.
However, collaboration workgroup participants are still dependent on electronic
5 documents which are difficult or impossible to view on smaller web-enabled devices
such as web-enabled phones, web-enabled personal digital assistants and the like. If
the documents can be viewed at all, they must be pre-encoded for a single format
supported across all devices, or the range of participating devices must be limited to a
single display type. Furthermore, some document types may require hardware
10 upgrades including expanded memory to load the additional code necessary to view
the document. This excludes impromptu workgroup formation since the device types
of the collaborating users and/or the set of required documents for a meeting cannot
always be predicted. Moreover, even when a document has been previously encoded,
collaboration is difficult due to the inability to view the overall structure of the page.
15 Accordingly the techniques presented allow for impromptu access to documents in the
native application format. The collaboration of users within a document is facilitated
by allowing the users to indicate context within the document for collaboration based
on the display capabilities of each user's device.